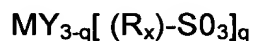


### ABSTRACT OF THE DISCLOSURE

A catalytic composition is provided, including one or more compounds corresponding to the empirical formula:



with M representing an at least trivalent element, known for giving Lewis acids, where  $Y^-$  is a monovalent anion or a monovalent anionic functional group and where  $R_x$  is a radical in which a carbon carrying the sulfonic functional group is perhalogenated and where q is between 0.1 and 2.9 inclusive. Compounds corresponding to the above empirical formula are also provided.